

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
 Data File : BG048346.D
 Acq On : 5 Mar 2021 20:27
 Operator : CG/JU
 Sample : M1568-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NORTHSIDE

Quant Time: Mar 06 01:01:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 05 16:23:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

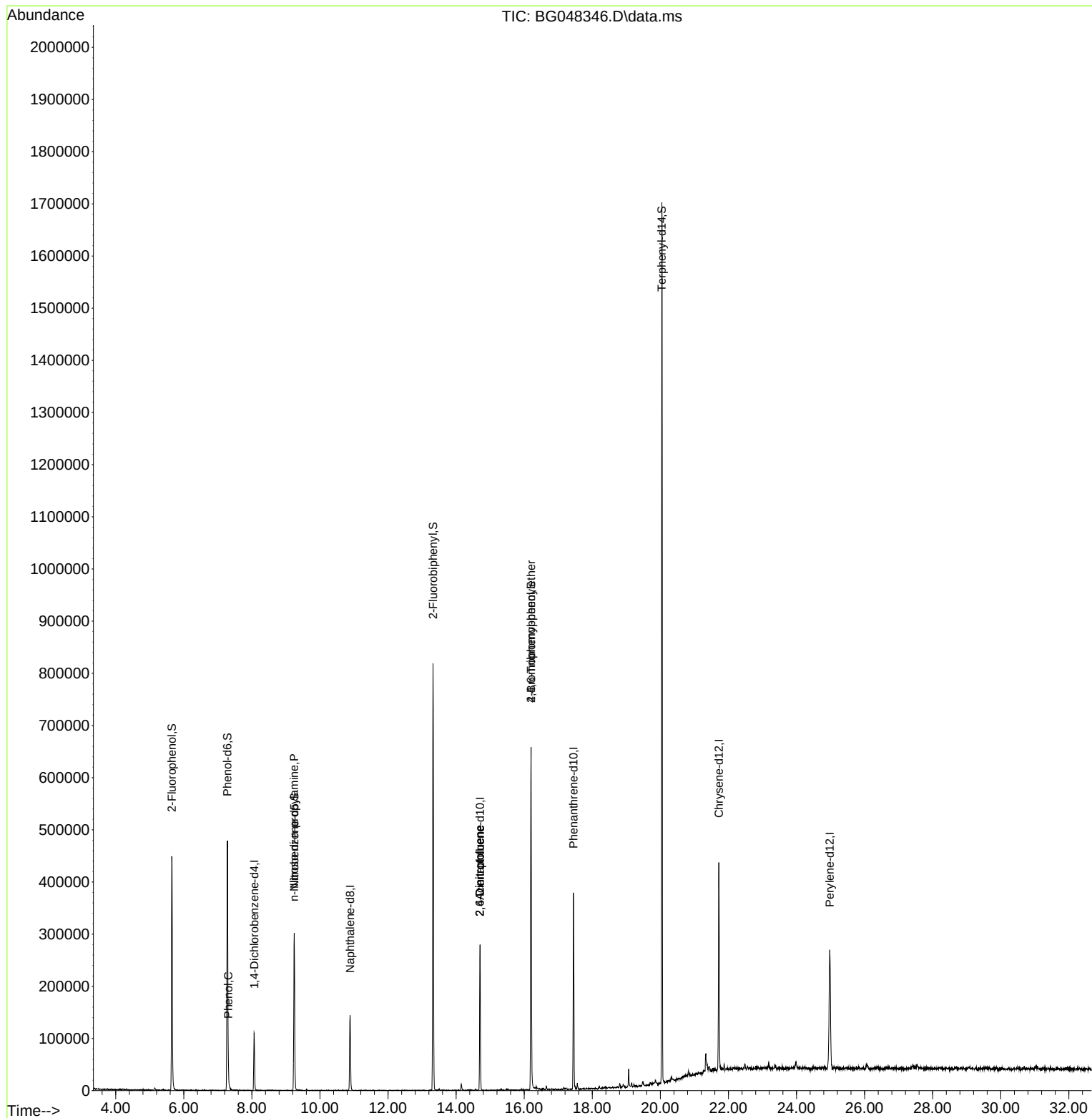
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	28583	20.00	ng	# 0.00
21) Naphthalene-d8	10.890	136	119940	20.00	ng	0.00
39) Acenaphthene-d10	14.703	164	90852	20.00	ng	0.00
64) Phenanthrene-d10	17.447	188	231358	20.00	ng	# 0.00
76) Chrysene-d12	21.719	240	245473	20.00	ng	# 0.00
86) Perylene-d12	24.974	264	244361	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	168241	100.19	ng	0.00
7) Phenol-d6	7.283	99	240942	94.44	ng	0.00
23) Nitrobenzene-d5	9.245	82	188802	66.59	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	126075	86.76	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	418860	64.63	ng	0.00
79) Terphenyl-d14	20.044	244	790755	58.87	ng	0.00
Target Compounds						
10) Phenol	7.312	94	9865	3.82	ng	# 67
19) n-Nitroso-di-n-propyla...	9.239	70	29900	15.18	ng	# 81
51) 2,6-Dinitrotoluene	14.697	165	12029	7.05	ng	# 34
57) 2,4-Dinitrotoluene	14.697	165	12029	4.88	ng	# 32
67) 4-Bromophenyl-phenylether	16.202	248	8307	2.80	ng	# 1

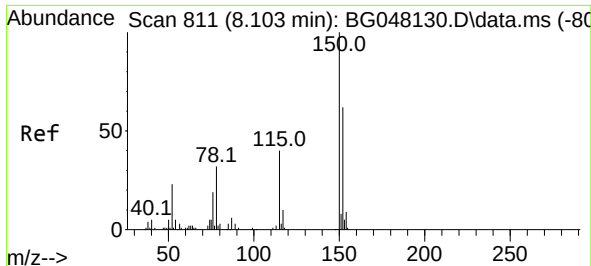
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 16:23:55 2021
Response via : Initial Calibration

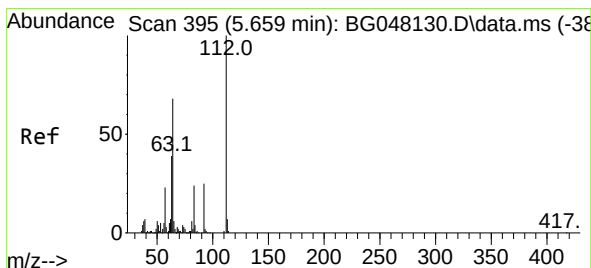
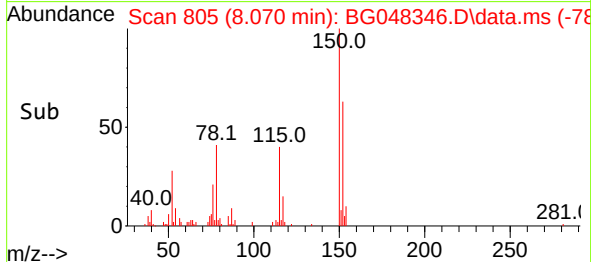
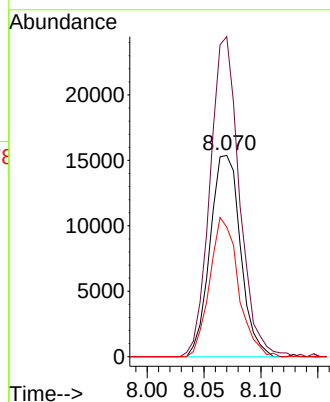
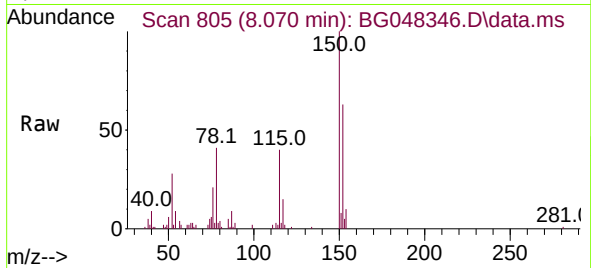




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.070 min Scan# 805
Delta R.T. -0.004 min
Lab File: BG048346.D
Acq: 5 Mar 2021 20:27

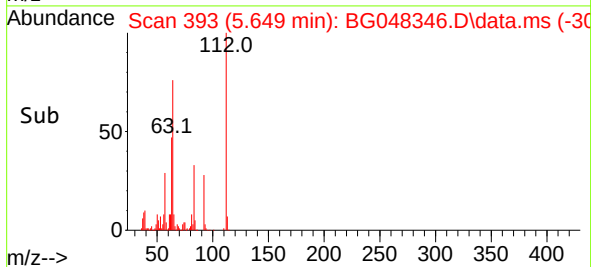
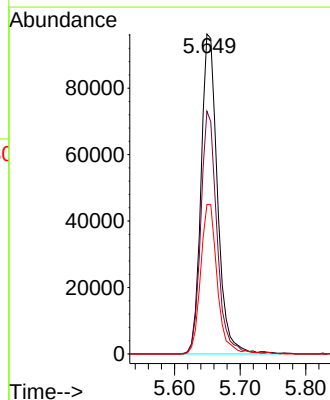
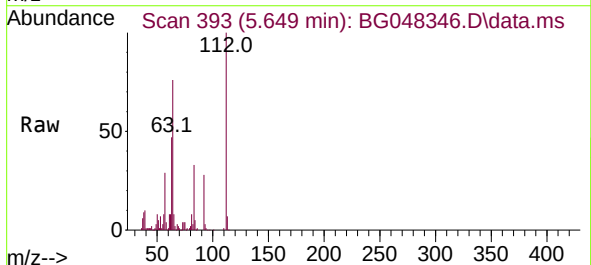
Instrument :
BNA_G
ClientSampleId :
NORTHSIDE

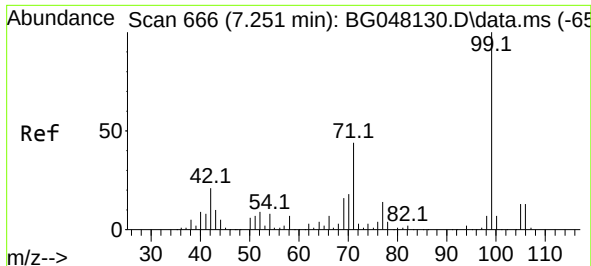
Tgt Ion:152 Resp: 28583
Ion Ratio Lower Upper
152 100
150 158.9 125.0 187.6
115 64.3 41.8 62.6#



#5
2-Fluorophenol
Concen: 100.19 ng
RT: 5.649 min Scan# 393
Delta R.T. -0.004 min
Lab File: BG048346.D
Acq: 5 Mar 2021 20:27

Tgt Ion:112 Resp: 168241
Ion Ratio Lower Upper
112 100
64 75.8 46.7 70.1#
63 46.7 22.8 34.2#

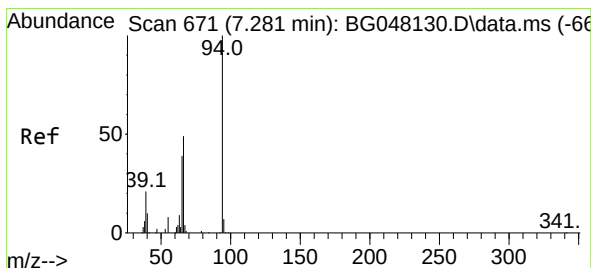
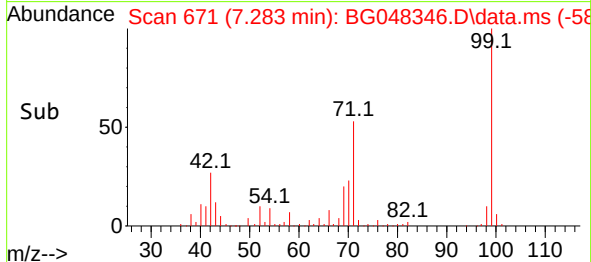
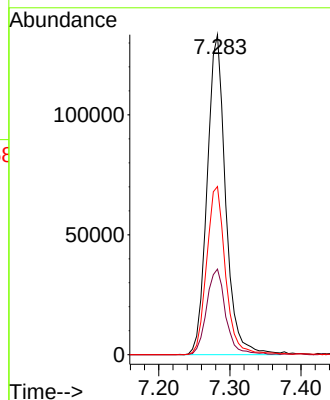
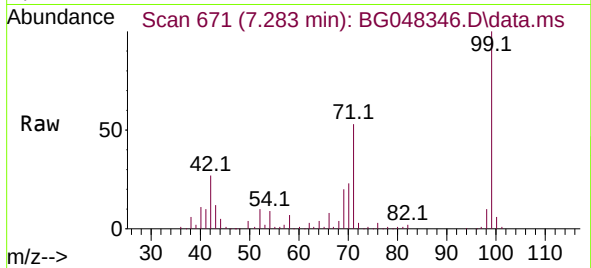




#7
Phenol-d6
Concen: 94.44 ng
RT: 7.283 min Scan# 671
Delta R.T. -0.004 min
Lab File: BG048346.D
Acq: 5 Mar 2021 20:27

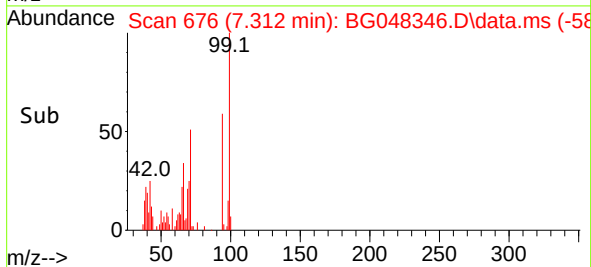
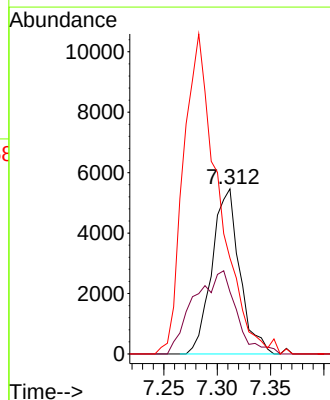
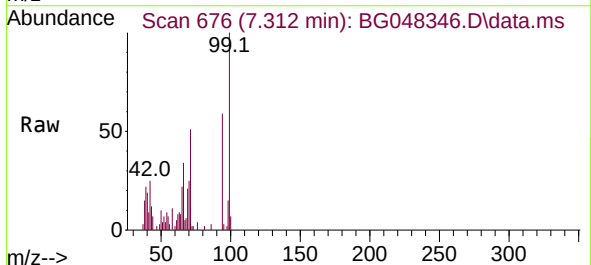
Instrument :
BNA_G
ClientSampleId :
NORTHSIDE

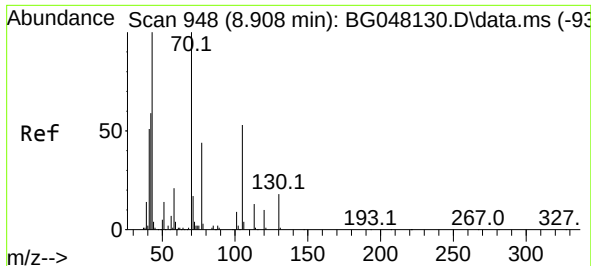
Tgt Ion: 99 Resp: 240942
Ion Ratio Lower Upper
99 100
42 26.7 12.8 19.2#
71 52.5 24.6 36.8#



#10
Phenol
Concen: 3.82 ng
RT: 7.312 min Scan# 676
Delta R.T. 0.002 min
Lab File: BG048346.D
Acq: 5 Mar 2021 20:27

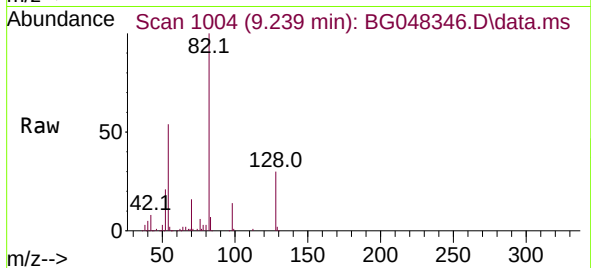
Tgt Ion: 94 Resp: 9865
Ion Ratio Lower Upper
94 100
65 37.6 6.6 46.6
66 58.0 13.9 53.9#



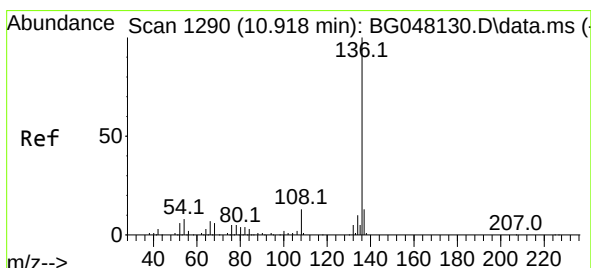
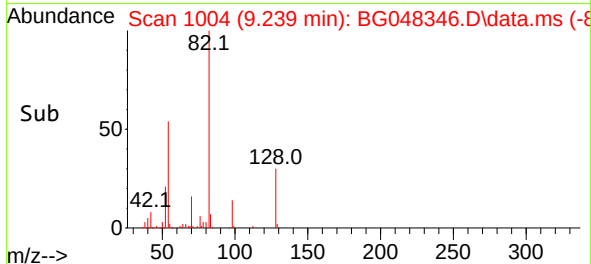
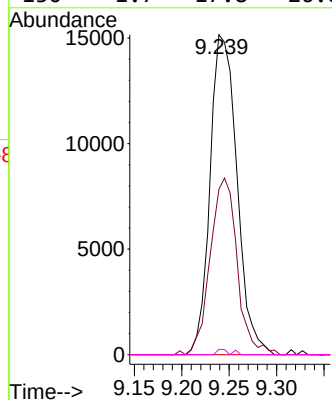


#19
n-Nitroso-di-n-propylamine
Concen: 15.18 ng
RT: 9.239 min Scan# 1004
Delta R.T. 0.360 min
Lab File: BG048346.D
Acq: 5 Mar 2021 20:27

Instrument :
BNA_G
ClientSampleId :
NORTHSIDE

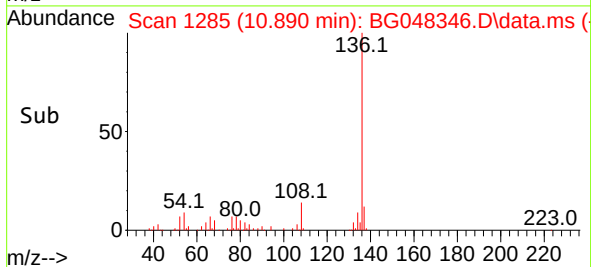
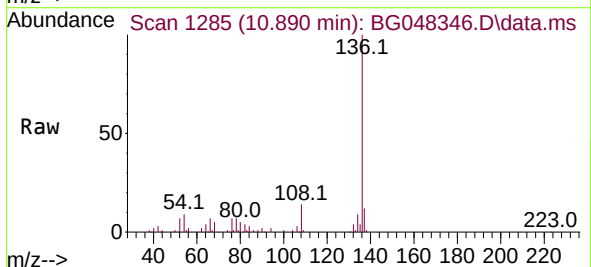
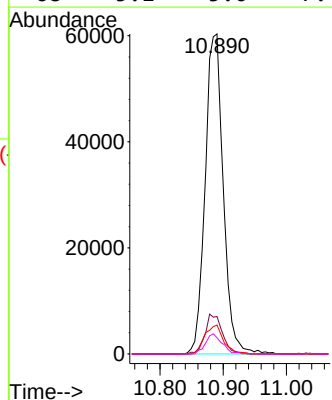


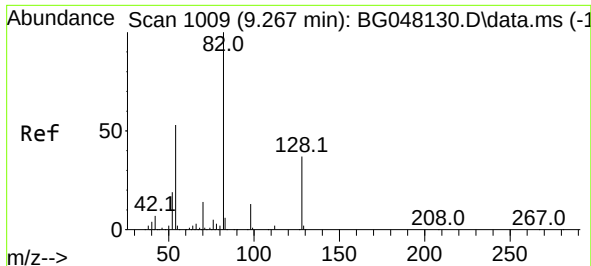
Tgt Ion:	70	Resp:	29900
Ion Ratio	Lower	Upper	
70	100		
42	51.7	45.6	68.4
101	0.0	8.4	12.6#
130	1.7	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.890 min Scan# 1285
Delta R.T. 0.002 min
Lab File: BG048346.D
Acq: 5 Mar 2021 20:27

Tgt Ion:	136	Resp:	119940
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.1	13.7
54	9.0	6.2	9.4
68	5.1	5.0	7.4

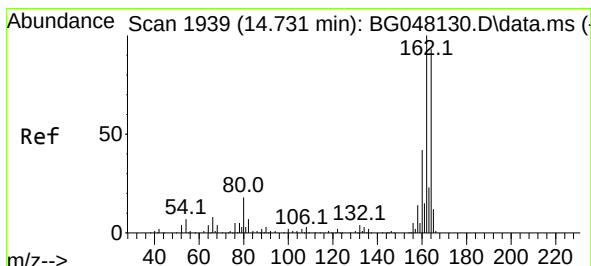
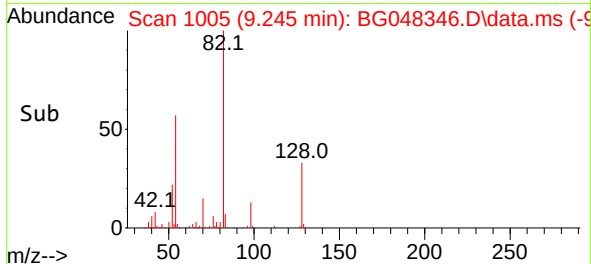
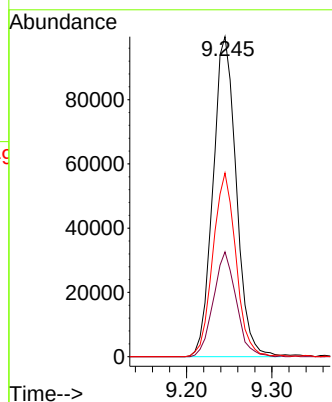
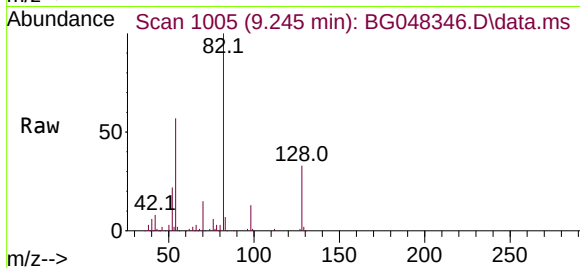




#23
Nitrobenzene-d5
Concen: 66.59 ng
RT: 9.245 min Scan# 1005
Delta R.T. -0.004 min
Lab File: BG048346.D
Acq: 5 Mar 2021 20:27

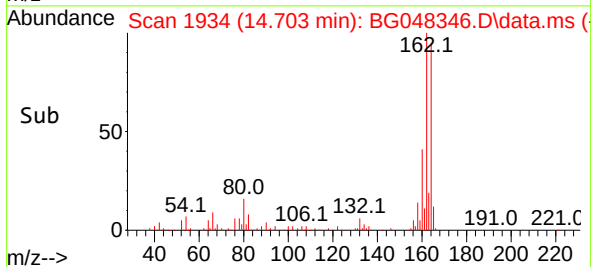
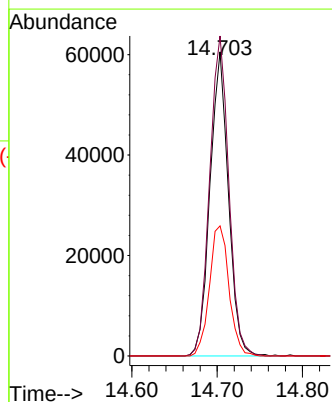
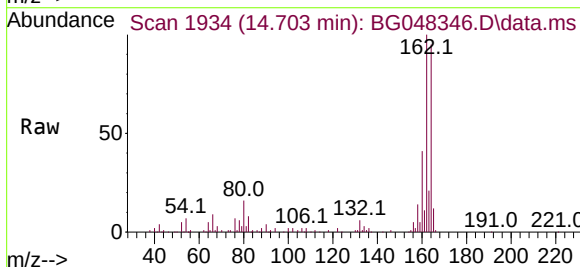
Instrument :
BNA_G
ClientSampleId :
NORTHSIDE

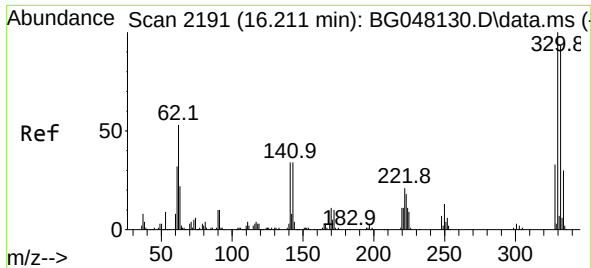
Tgt Ion: 82 Resp: 188802
Ion Ratio Lower Upper
82 100
128 32.7 37.0 55.6#
54 57.4 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.703 min Scan# 1934
Delta R.T. -0.004 min
Lab File: BG048346.D
Acq: 5 Mar 2021 20:27

Tgt Ion:164 Resp: 90852
Ion Ratio Lower Upper
164 100
162 105.2 82.3 123.5
160 42.8 35.3 52.9

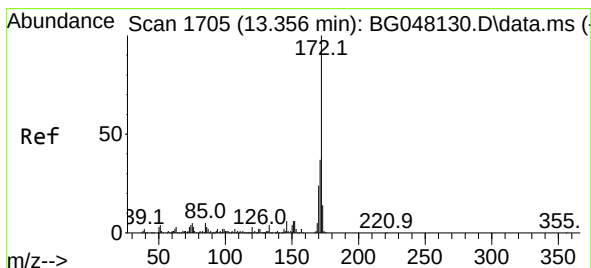
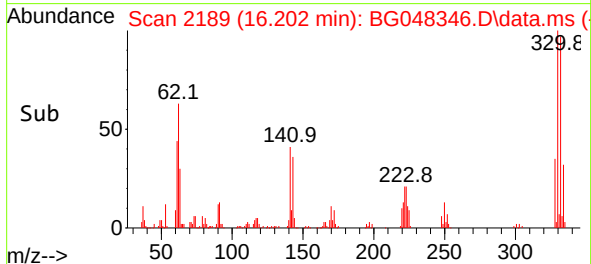
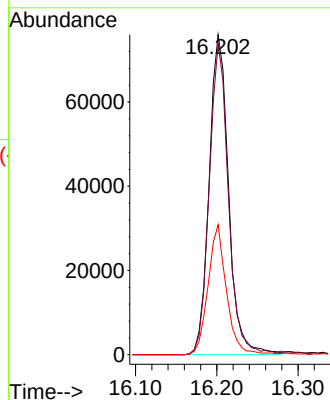
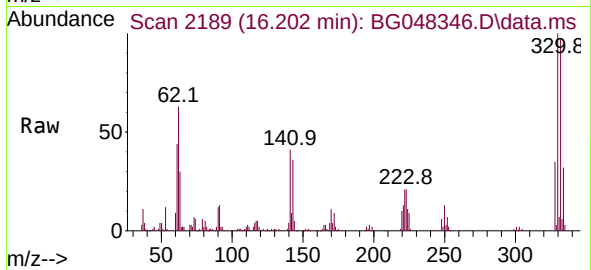




#42
2,4,6-Tribromophenol
Concen: 86.76 ng
RT: 16.202 min Scan# 2189
Delta R.T. -0.004 min
Lab File: BG048346.D
Acq: 5 Mar 2021 20:27

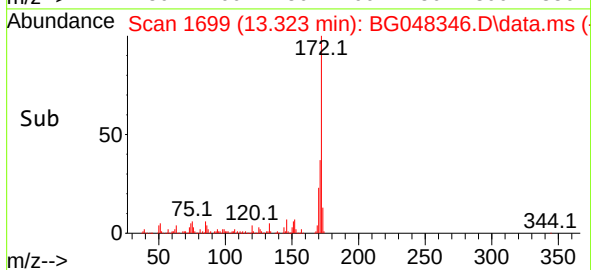
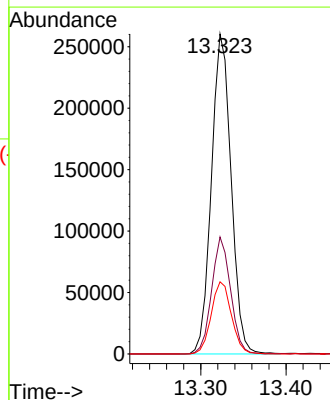
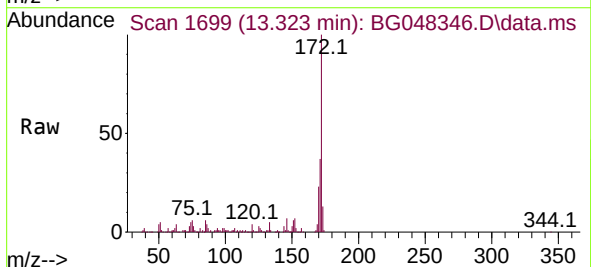
Instrument :
BNA_G
ClientSampleId :
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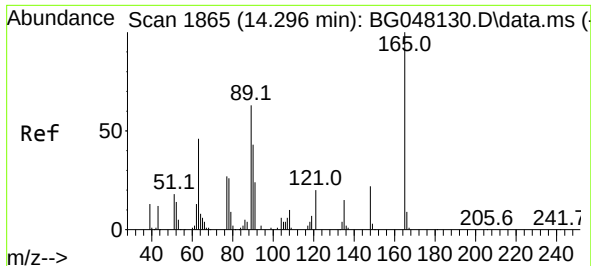
Tgt Ion:330 Resp: 126075
Ion Ratio Lower Upper
330 100
332 95.5 76.5 114.7
141 38.6 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 64.63 ng
RT: 13.323 min Scan# 1699
Delta R.T. -0.004 min
Lab File: BG048346.D
Acq: 5 Mar 2021 20:27

Tgt Ion:172 Resp: 418860
Ion Ratio Lower Upper
172 100
171 36.6 31.3 46.9
170 22.5 20.8 31.2

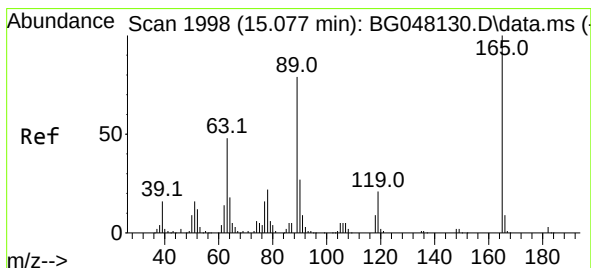
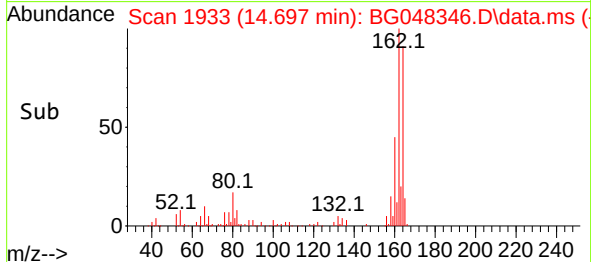
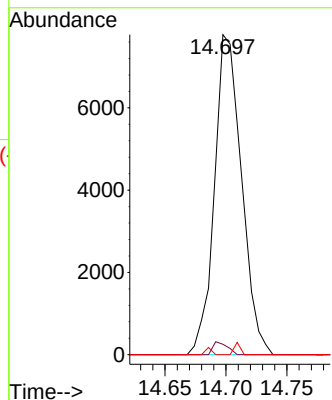
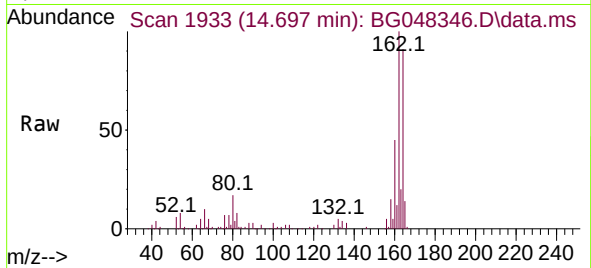




#51
2,6-Dinitrotoluene
Concen: 7.05 ng
RT: 14.697 min Scan# 1933
Delta R.T. 0.401 min
Lab File: BG048346.D
Acq: 5 Mar 2021 20:27

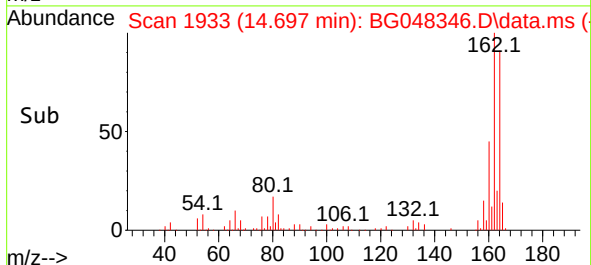
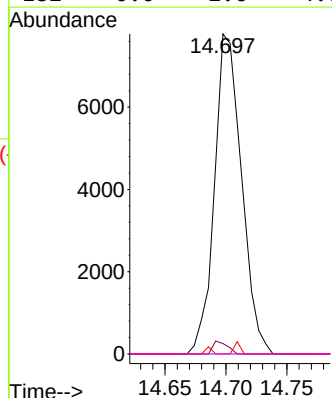
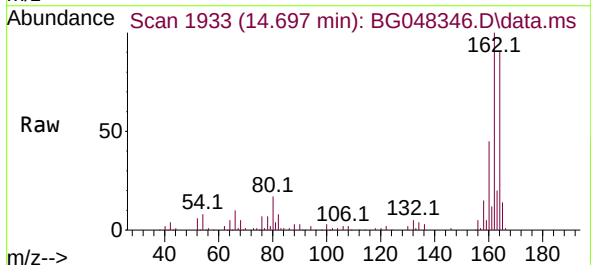
Instrument :
BNA_G
ClientSampleId :
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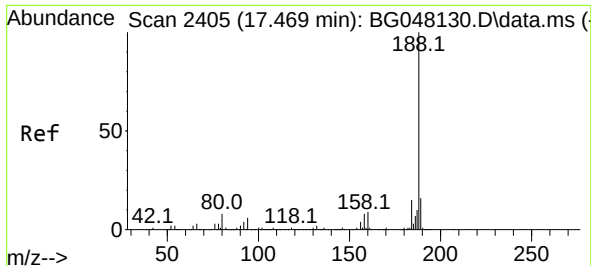
Tgt Ion:165 Resp: 12029
Ion Ratio Lower Upper
165 100
63 3.2 33.7 50.5#
89 0.0 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 4.88 ng
RT: 14.697 min Scan# 1933
Delta R.T. -0.392 min
Lab File: BG048346.D
Acq: 5 Mar 2021 20:27

Tgt Ion:165 Resp: 12029
Ion Ratio Lower Upper
165 100
63 3.2 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#

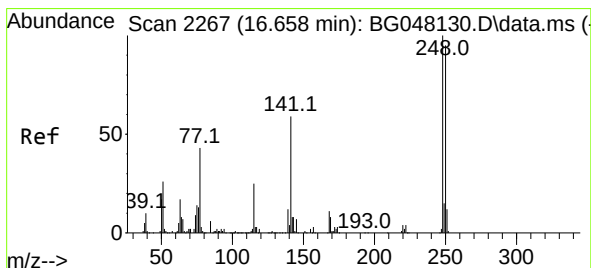
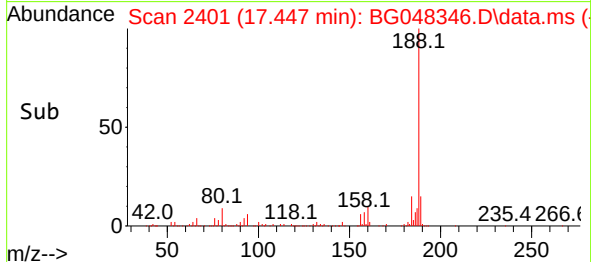
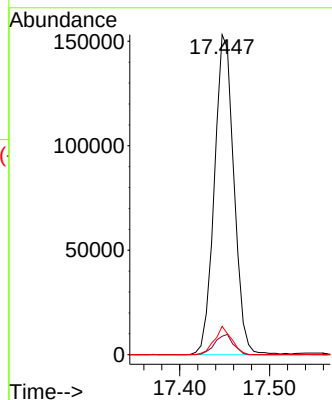
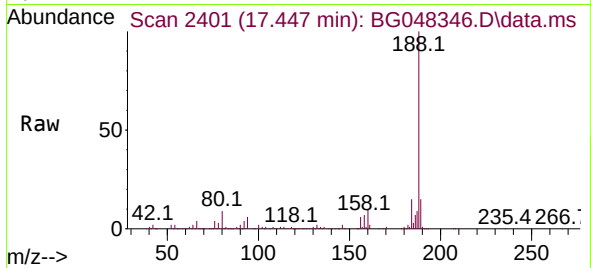




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.447 min Scan# 2401
Delta R.T. -0.010 min
Lab File: BG048346.D
Acq: 5 Mar 2021 20:27

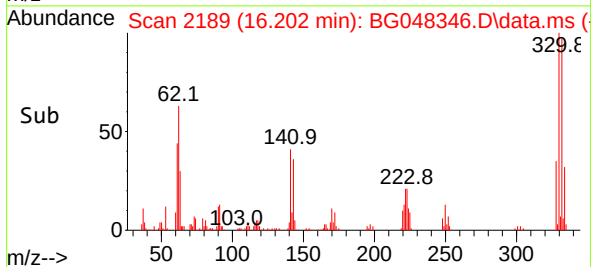
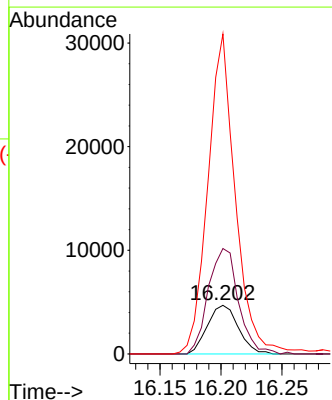
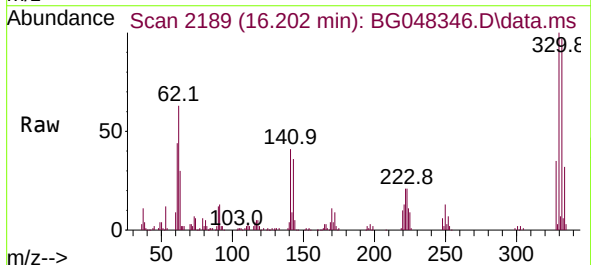
Instrument :
BNA_G
ClientSampleId :
NORTHSIDE

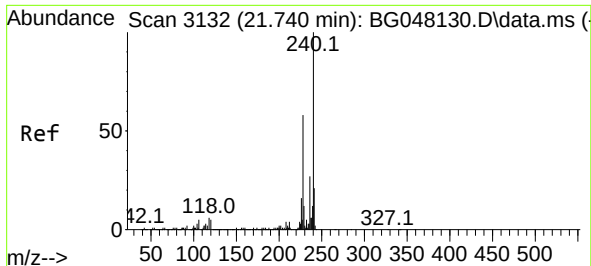
Tgt Ion:188 Resp: 231358
Ion Ratio Lower Upper
188 100
94 5.7 6.3 9.5#
80 8.9 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 2.80 ng
RT: 16.202 min Scan# 2189
Delta R.T. -0.433 min
Lab File: BG048346.D
Acq: 5 Mar 2021 20:27

Tgt Ion:248 Resp: 8307
Ion Ratio Lower Upper
248 100
250 216.5 78.9 118.3#
141 657.3 46.2 69.4#

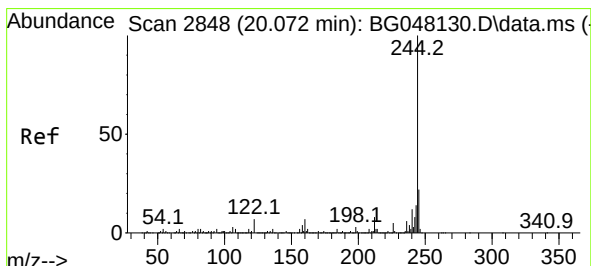
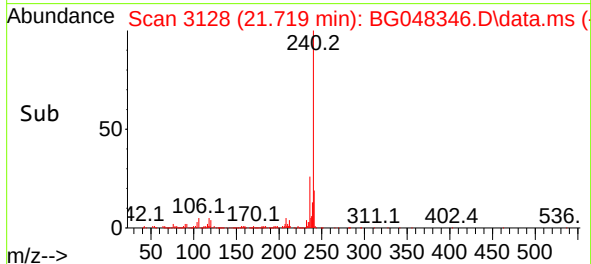
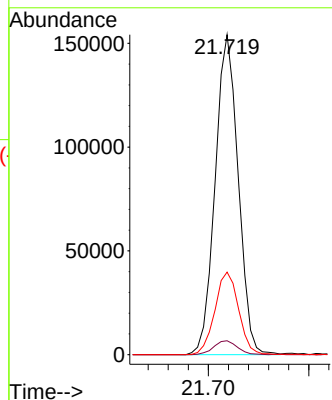
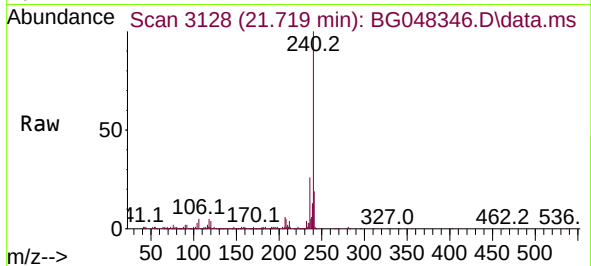




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.719 min Scan# 3128
Delta R.T. -0.010 min
Lab File: BG048346.D
Acq: 5 Mar 2021 20:27

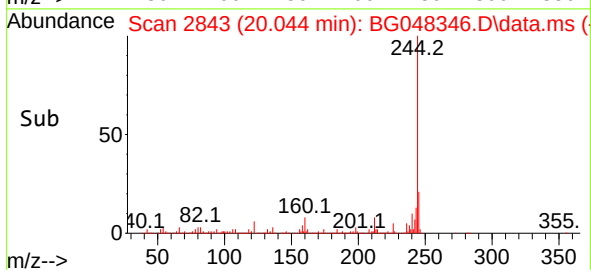
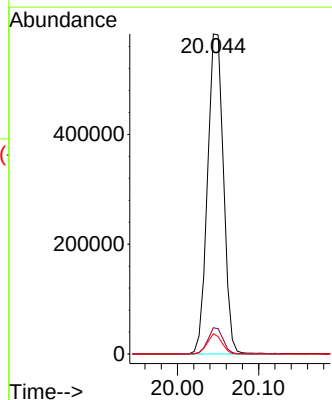
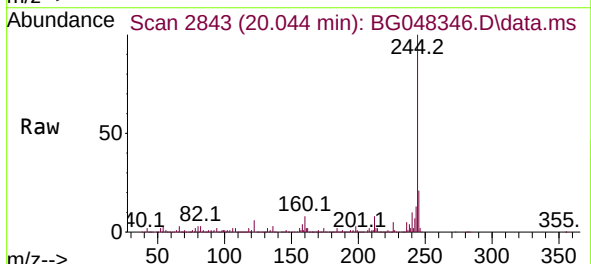
Instrument :
BNA_G
ClientSampleId :
NORTHSIDE

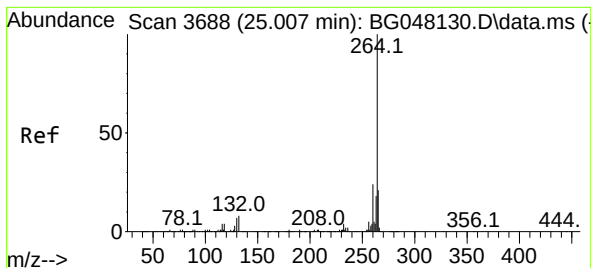
Tgt Ion:240 Resp: 245473
Ion Ratio Lower Upper
240 100
120 4.4 6.2 9.4#
236 25.8 20.5 30.7



#79
Terphenyl-d14
Concen: 58.87 ng
RT: 20.044 min Scan# 2843
Delta R.T. -0.010 min
Lab File: BG048346.D
Acq: 5 Mar 2021 20:27

Tgt Ion:244 Resp: 790755
Ion Ratio Lower Upper
244 100
212 8.2 6.7 10.1
122 6.4 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.974 min Scan# 3682
 Delta R.T. -0.016 min
 Lab File: BG048346.D
 Acq: 5 Mar 2021 20:27

Instrument :
 BNA_G
 ClientSampleId :
 NORTHSIDE

Tgt Ion:264 Resp: 244361
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.8 28.2
 265 21.3 17.8 26.8

